



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
Washington, D.C. 20460

Form Approved OMB No. 2070-0060


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**DATA MATRIX**

Date: April 9, 2018	EPA Reg No./File Symbol 93167-EUP-R	Page 1 of 4
Applicant's/Registrant's Name & Address Oxitec Ltd. 71 Innovation Drive, Milton Park Abingdon, Oxfordshire OX14 4RQ, United Kingdom	Product  OX513A <i>Aedes aegypti</i>	

Ingredient Tetracycline-Repressible Transactivator Protein Variant (tTAV) and Related Genetic Material from OX513A *Aedes aegypti*

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
880.1100, 880.1200, 880.1400, 830.1700, 830.1750, 830.1800	Product Identity and Composition, Description of Starting Materials, Production and Formulation Process, Discussion of the Formation of Impurities, Preliminary Analysis, Certified Limits, and Enforcement Analytical Method	50443501	Oxitec Ltd.	OWN	
880.1100, 880.1200, 880.1400, 830.1700, 830.1750, 830.1800	Product Identity and Composition, Description of Starting Materials, Production and Formulation Process, Discussion of the Formation of Impurities, Preliminary Analysis, Certified Limits, and Enforcement Analytical Method	50560402	Oxitec Ltd.	OWN	Submitted herein.
870.1100	Acute Oral Toxicity	50443502	Oxitec Ltd.	OWN	
870.1100	Acute Oral Toxicity	50560403	Oxitec Ltd.	OWN	Submitted herein.
870.1300	Acute Inhalation Toxicity	50443503	Oxitec Ltd.	OWN	
870.1300	Acute Inhalation Toxicity	50560404	Oxitec Ltd.	OWN	Submitted herein.
870.2400	Primary Eye Irritation	50443504	Oxitec Ltd.	OWN	

Signature 	Name and Title Keith A. Matthews (Agent) Wiley Rein LLP	Date 4-9-18
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870.2400	Primary Eye Irritation	50560405	Oxitec Ltd.	OWN	Submitted herein.
870.2500	Primary Dermal Irritation	50443505	Oxitec Ltd.	OWN	
870.2500	Primary Dermal Irritation	50560406	Oxitec Ltd.	OWN	Submitted herein.
None	Hypersensitivity Incidents	50443506	Oxitec Ltd.	OWN	
850.1010	Freshwater Invertebrate LC <sub>50</sub>	50443507	Oxitec Ltd.	OWN	
850.1075	Fish Acute Oral Toxicity, Freshwater	50326401	Oxitec Ltd.	OWN	
850.2100	Avian Acute Oral Toxicity	50443508	Oxitec Ltd.	OWN	
850.2200	Avian Dietary Toxicity	50443509	Oxitec Ltd.	OWN	
850.4100	Terrestrial Plant Toxicity (Seedling Emergence)	50443510	Oxitec Ltd.	OWN	
850.4150	Terrestrial Plant Toxicity (Vegetative Vigor)	50443511	Oxitec Ltd.	OWN	
880.4350	Nontarget Insect Testing	50443512	Oxitec Ltd.	OWN	

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Ingredient Tetracycline-Repressible Transactivator Protein Variant (tTAV) and Related Genetic Material from OX513A <i>Aedes aegypti</i>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

870.1100; 870.1300; 870.2400; 870.2500; 850.2100; 850.2200; 850.4100; 850.4150; 850.4350	Published Literature Cited in Support of Acute Toxicity and Nontarget Organism Waivers, Endangered Species Assessment, Effects of Environmental Exposure to Tetracycline Document, Bioinformatics Predicted Protein Data, and Arbovirus Testing in OX513A Samples	50443517	Oxitec Ltd.	OWN	
	Bioinformatics Analysis (2013)	50326402	Oxitec Ltd.	OWN	
	Bioinformatics Analysis (2017)	50326403	Oxitec Ltd.	OWN	
	Western Blot Analysis of <i>Aedes aegypti</i> OX513A Saliva	50326404	Oxitec Ltd.	OWN	
	Environmental Assessment (FDA)	50443513	Oxitec Ltd.	OWN	
	Endangered Species Assessment	50443514	Oxitec Ltd.	OWN	
	Effects of Environmental Exposure to Tetracycline	50443515	Oxitec Ltd.	OWN	

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	Bioinformatics Analysis for Protein Digestibility, Environmental Degradation, Cell Membrane Permeability	50443516	Oxitec Ltd.	OWN	
	Arbovirus Testing in OX513A Samples	50443518	Oxitec Ltd.	OWN	
	On-Breeding Phenotype of Surviving OX513A Reared in the Absence of Tetracycline	50443519	Oxitec Ltd.	OWN	
	Protein Report – Expressed Protein Quantities	50560407	Oxitec Ltd.	OWN	Submitted herein.
	Protein Report – Expressed Protein Quantities	50465113	Oxitec Ltd.	OWN	
	Protein Report – Digestion	50465114	Oxitec Ltd.	OWN	
	Oxitec's Response to EPA's 90-Day Preliminary Technical Screen	50560401	Oxitec Ltd.	OWN	Submitted herein.
	Assessment of Heterozygous OX513A Individuals Surviving Without Provision of Tetracycline in the Diet	50560408	Oxitec Ltd.	OWN	Submitted herein.
	Arbovirus Testing in OX513A Samples	50560409	Oxitec Ltd.	OWN	Submitted herein.

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